

Schedule 1:

HIGH SPEED DC BREAKER FOR PUSH BENCH

High Speed DC Circuit Breaker SIEMENS GERMANY MAKE

Rated continuous current: 2500 A DC

Rated operating voltage: 1500 V DC

Max. arcing voltage(peak) AC: 2200 V

Instant. overcurrent Release: 1.5 to 6 KA

Auxiliaries: 6 (NO) + 6 (NC)

Closing: Electric motor with LATCHING

Control Voltage: 220V, AC

Siemens/3WV1711-7MB13

Manual closing device: Yes

Manual Release: Yes

Arc chute (suitable): Yes

Temperature: 50 deg

UNDER VOLTAGE RELEASE: Yes

The Breaker will be over loaded to 5000A either continuously or intermittently in one cycle of operation. Number of cycles per hour will be around 90. The Breaker will be normally switched ON and OFF only on no-load condition. The Breaker Will Trip with load under overloading, power failure, emergency and Interlock failure conditions. The DC Breaker offered should be equivalent to the existing Siemens Breaker of type 3WV1711-7MB13.

Note to Supplier:

1. Any deviation against specification shall be specified without fail.
2. Delivery shall be within 12 months from the date of P.O.
3. Relevant data sheets shall be submitted along with the offer.
4. The OEM M/s Siemens Ltd. (or) Authorised channel partner of OEM can only participate this tender.
5. Authorised channel partner shall possess similar work experience in supplying High Speed DC Breaker of rating more than 2000A from Government/PSU/Private sector. Work experience completion certificate shall be attached along with the offer, failing may disqualify from tender proceedings.